Short Information about:

MSE-FMD95 Remote Hot Metal Detector (HMD)

General Information

Housing：	Aluminum AL6, EC IP66, DIN, 89011
Weight w/o Cable：	1.7 Kg
Connector：	IP65 Plug/Socket
Cable Length：	2m standard (different length - option)
Remote Lenses：	400°C standard (800°C option)
Spot ／ FOV：	1° or 7°
Fiber Optic Cables：	**Flexible Armored Stainless Fiber Lead**, available in lengths from **2 to 10** meters and for **300°/500°/800 °C** (diff. options).

Dimensions

All Dimensions are in mm [inches].
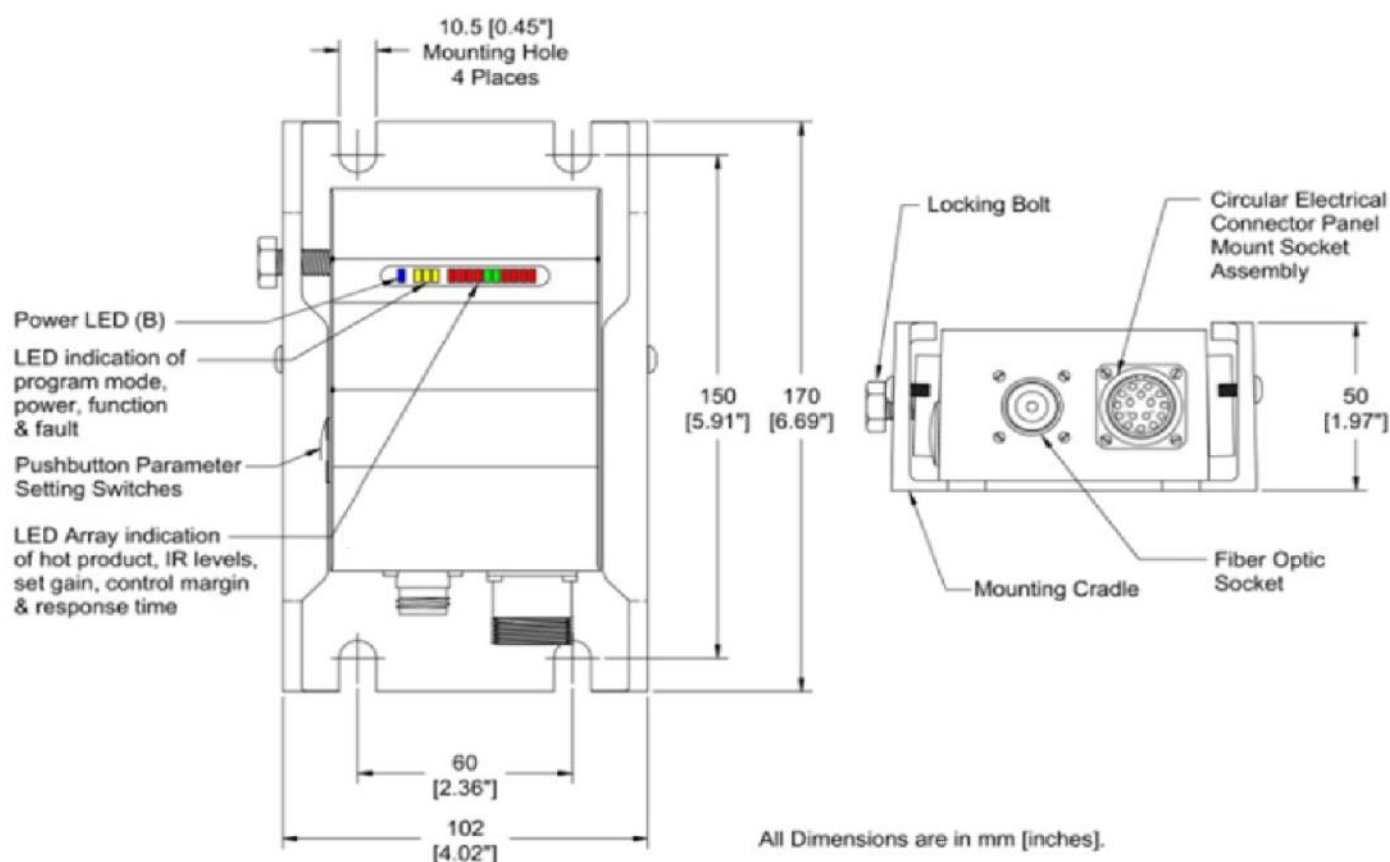
General Specifications

Sensing Element	**InGaAs** Photodiode	Supply Voltage	Standard: **24 VDC ± 10%**
Power Indication：	Blue LED	Power Consumption	5 W
Function Indication	Outer Yellow LEDs	Operating Temperature	**-20°C to +55°C of signal processor** (without cooling)
% I. R. Signal	Red/Green/Red LEDs	Storage Temperature	-20°C to +70°C
Remote Self-Check	Middle Yellow LED	Output (#1)	Cradle Relay Output, SPNO, 240 VAC, 8A with **20 ms** response time.
Min/Max I.R. Threshold settings	Down to **270°C** and up to **1000°C** (programmed)	Output (#2)	Reed Relay Output, SPNO, 240VAC, 0.5A **2 ms** response time. (Option)
Response Time:	1 ms to 250 ms max.,	Output (#3 and # 4)	PNP and NPN Transistor Outputs, 500 mA (Requires 24VDC supply)

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